


Science 9


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Friday, Nov. 15/19

1. Projects - Topics
 2. Submt: IC - SA -> The Solar System
 3. Review - Topics for "SA: Space Exploration"
 4. Two Optional Crossword Puzzles - The Universe
The Solar System
 5. SA - Exploring Space: The Universe and The Solar System
-> Date - Monday, Nov. 18
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Physics 112

Friday, Nov. 15/19

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1. Worksheet - Action/Reaction Pairs
 2. FA - Second Law Problems (Type II, III and Combo (II and III))
- Submit by the end of the day Friday, Nov. 15/19.
 3. Worksheet: U2-S2 -> First Law of Motion
Second Law of Motion
Mandatory Problems -> Task Sheet
 4. Review for SA - U2: S1&2
 5. SA - U2: S1&2 -> Date: Wednesday, Nov. 20/19
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Physics 122

Friday, Nov. 15/19

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1. Questions?

[Worksheet - Uniform Circular Motion](#)

[Worksheet - Banked and Unbanked Curves](#)

2. FAs - Horizontal Circular Motion } Due: Today
- Banked/Unbanked Curves }

3. Submit -> Experiment 8.1 - Kepler's Laws - Page 49

4. [Worksheet - Kepler's Laws**](#)

5. [Worksheet - Universal Law of Gravitation](#)

6. Gravitational Field Strength

7. Calculating the Value of "g"

8. Orbital Speed

9. The Period of an Orbiting Object

Science 10

Friday, Nov. 15/19

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Hoop Classic

Monday:

1. Worksheets - Rearranging Equations
2. FA - Identifying and Counting Digits
FA - Rounding Measurements
3. Metric Conversions
4. Worksheets - Metric Conversions
5. SA - Physics #1 (Physics to Metric Conversions) - Next Week

SA - Physics #1 - Topics

1. definitions: physics, physical quantity, significant digits, certainty, exact value, defined value, rounding digit, defining equation
2. SI System - International System of Units
 - know the SI base units for length, time and mass
 - be able to identify a derived unit
3. certainty - identify certain and uncertain digits in a measurement
 - determine the certainty of a measurement by stating its number of significant digits
4. SDs and operation rules - Certainty Rule
 - > multiply and divide
 - > total # of significant digits- Precision Rule
 - > add and subtract
 - > # of digits after the decimal

scientific notation

5. rearrange an equation for a specified variable
6. perform metric conversions using conversion factors